





NOTICE: THE INFORMATION AND  
DESIGN CONTAINED HEREIN IS THE  
PROPERTY OF PREMIER AVIATION  
WHO RESERVES ALL RIGHTS THERETO

NOTES (UNLESS OTHERWISE SPECIFIED):


1. IDENTIFY PARTS PER PREMIER IDENTIFICATION AND MARKING PROCEDURES 115-12112 (PARA. 2.1/2.2).
2. REMOVE ALL BURRS, BREAK ALL EDGES / CORNERS .015-.0625 EXCEPT AS NOTED.
3. CHEM FILM (ALODINE) ALL ALUMINUM DETAIL PARTS PER MIL-C-5541, CLASS 1A, AND PRIME WITH EPOXY PRIMER PER MIL-P-23377C ZINC CHROMATE PRIMER PER MIL-TTP-1757, OR EQUIVALENT.
4. GENERAL SHOP PRACTICES I.A.W. PREMIER SPEC. 008-93000 AND AC43.13.
5. WELDING PER MIL-STD-2219 AND/OR MIL-W-8604.
6. FIBERGLASS PER 008-93000 STANDARD 1.9.0./1.9.1. (DATE 4-22-91 REV A)
7. MAKE PARTS PER TEMPLATE SEE CHART BELOW TOOL IS TO BE MARKED WITH PART NO. AND A "1" AT THE END. EXAMPLE: B64-13022-01T.

PART #	TOOL #
<del>01</del>	<del>01T</del>
-11	-11T
-17	-17T
-19	-19T
-55	-55T
<del>59</del>	<del>59T</del>
<del>61</del>	<del>61T</del>
-75	-75T

REV STATUS OF SHEETS	REV	C	C	C	B	C	C	C	B	A	C	C	C
	SHEET	1	2	3	4	5	6	7	8	9	10	11	12

REVISIONS					
ZONE	MOD	REV		DATE	APPROVED
		-	MFG. RELEASE	3/06/92	
		A	INCRP PER ECO 3595	9/09/92	
		B	REVISED PER ECO 4176	6/1/94	
		C	REVISED PER ECO 4363	10/24/99	

[illegible]

QTY PER	QTY PER	QTY PER	QTY PER	QTY PER	QTY PER	QTY PER	QTY PER	QTY PER	QTY PER	QTY PER	QTY PER	PART NO.		DESCRIPTION	SPECIFICATION	CODE IDENT NO.	ITEM NO.		
-61	-77	-19	-17	-15	-13	-11	-09	-07	-05	-03	-01	PARTS LIST							
MATERIAL												UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON  DECIMALS .XXs .05 .XXXs .03  ANGLES ±1'		DRAWN DL KREMPIN 8/06/92		 PREMIER PREMIER AVIATION GRAND PRAIRIE, TEXAS			
														CHECKED					
FINISH LAST SECTION LETTER USED "H"												ON NHA		APPROVAL		BLEED AIR ECU DETAILS / ASSY			
												412 B64-13020		APPROVAL					
														APPROVAL					
														APPROVAL					
														SIZE CODE IDENT NO.		REV.			
														D OSUV8 B64-13022		C			
												SCALE:		WT:		SHEET 1 OF 1			

ECO  
4425  
4656  
5407

STC SH8443SW

STC's PRINT

B6413022.0

ORIGINAL

QTY	PER	QTY	PER	QTY	PER	QTY	PER	QTY	PER	QTY	PER	QTY	PER	QTY	PER	QTY	PER	PART NO.	DESCRIPTION	SPECIFICATION	CODE IDENT NO.	ITEM NO.
A/R																		1300L	ADHESIVE	3M		
A/R																		1/16 THK.	TAN GUM RUBBER	TEXAS RUBBER SUPPLY		
	1	1																24538-200	FLANGE	AEROQUIP		
		1																16933-200-6	FLANGE	AEROQUIP		
			REF															625615-2-1	SENSOR	GARRETT		
																		<del>OR3243</del>	<del>RIVET</del>	<del>SHERRY</del>		
																		<del>RF4</del>	<del>RECEPTACLE</del>	<del>BZUC</del>		
																		<del>AR AHC</del>	<del>CNOLITE</del>	<del>UNIROYAL</del>		
																		<del>AR 651135 00016</del>	<del>ADHESIVE</del>	<del>3M</del>		
																		<del>AR 110 003 1</del>	<del>WHITE DOOR SEAL</del>	<del>3M</del>		
																		<del>3 4 3/16 T26</del>	<del>FASTENER</del>	<del>BZUC</del>		
																		<del>4 4 3/16 T33</del>	<del>FASTENER</del>	<del>BZUC</del>		
																		<del>4 4 3/16 T30</del>	<del>FASTENER</del>	<del>BZUC</del>		
																		<del>4 4 3/16 T30</del>	<del>FASTENER</del>	<del>BZUC</del>		
																		3 MS21059L08K	NUTPLATE			
																		3 MS27039-0809	SCREW			
			AR	<del>AR</del>														MS20426AD3	RIVET			
																		23 MS21075L06	NUTPLATE			
																		<del>1 MS20426AD4</del>	<del>RIVET</del>			
																		1 NAS596-24	NUT			
																		3 AN960PD8	WASHER			
																		-87	DOUBLER	MAT'L.: .063 THK 2024-T3, Q2-A-250/4		
																		-85	SHIELD	MAT'L.: .020 THK SS TYPE 301, MIL-S-5059		
																		-83	BRACKET	MAT'L.: .020 THK SS TYPE 301, MIL-S-5059		
																		-81	SHIELD ASSY.			
																		-79	SCREEN	.25 CLOTH SCREEN WIRE		
																		-77	DOUBLER ASSY.			
																		-75	DUCT	2 PLY B7-DIRECT		

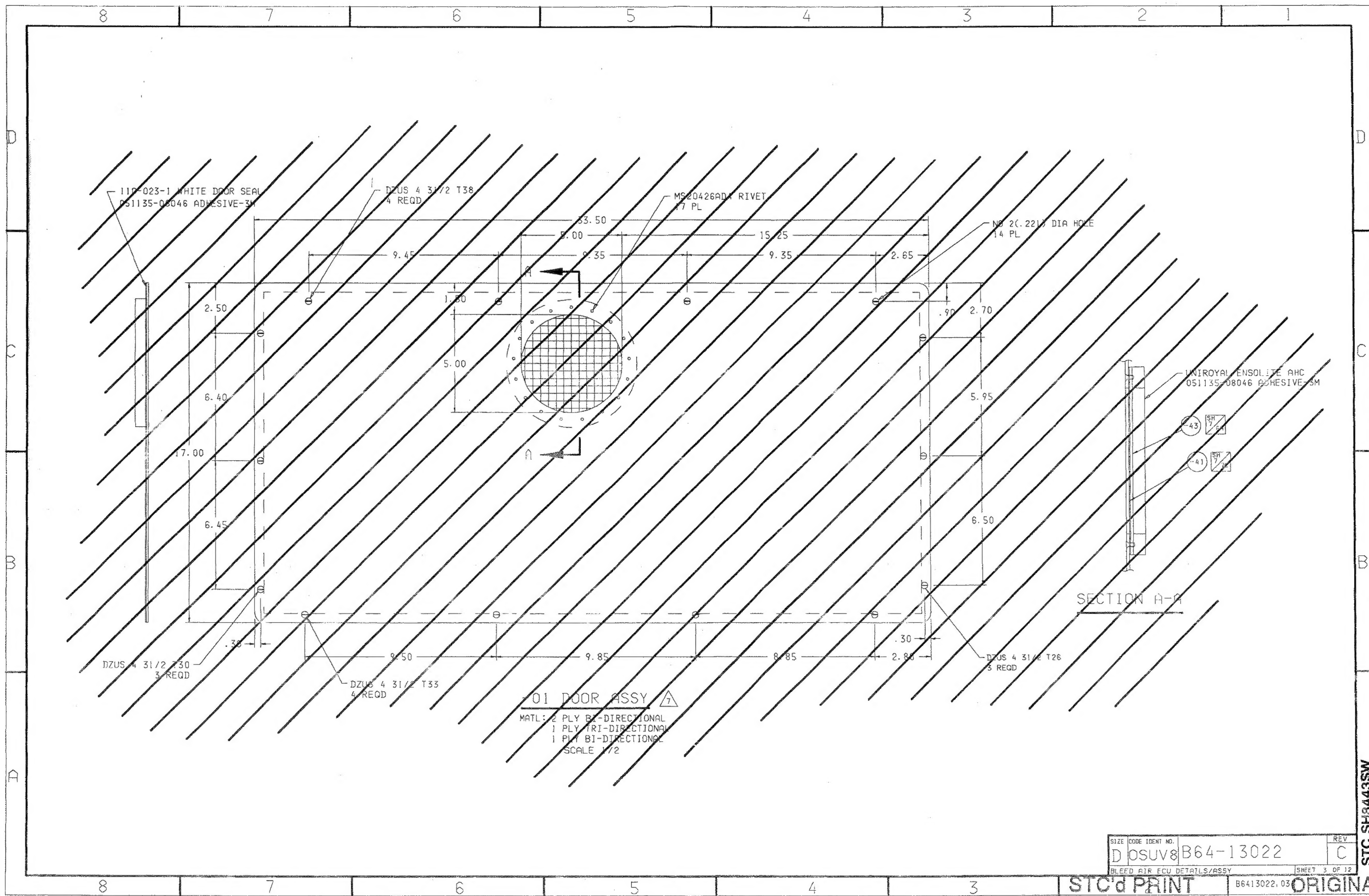
PARTS LIST

STC SH8443SW

SIZE	CODE IDENT NO.	REV
D	OSUV8	B64-13022
BLEED AIR ECU DETAILS/ASSY		C
SHEET 2 OF 12		

STC'd PRINT

B6413022, 02 ORIGINAL



110-023-1 WHITE DOOR SEAL  
PS1135-08046 ADHESIVE-3M

DZUS 4 31/2 T38  
4 REQD

MS20426ADA RIVET  
17 PL

NO 2(.221) DIA HOLE  
14 PL

UNIROYAL ENSOLITE AHC  
051135-08046 ADHESIVE-3M

SECTION A-A

DZUS 4 31/2 T30  
3 REQD

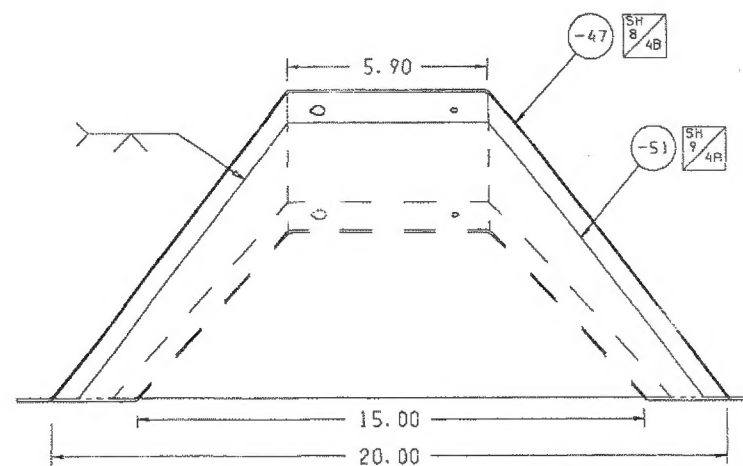
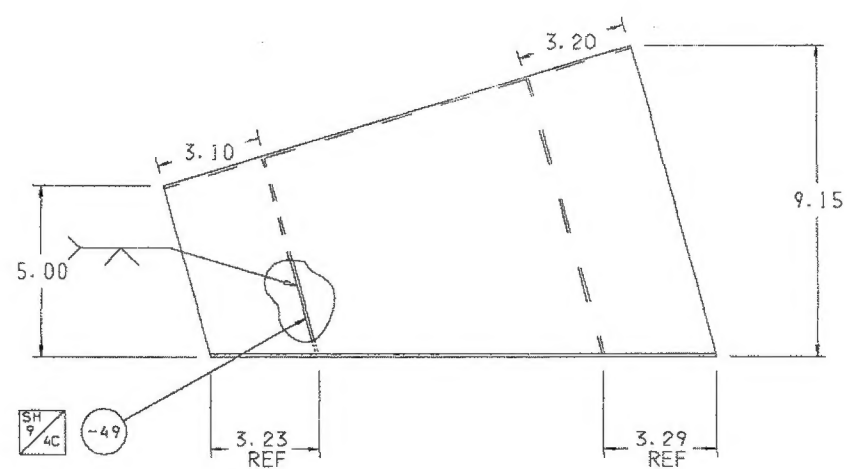
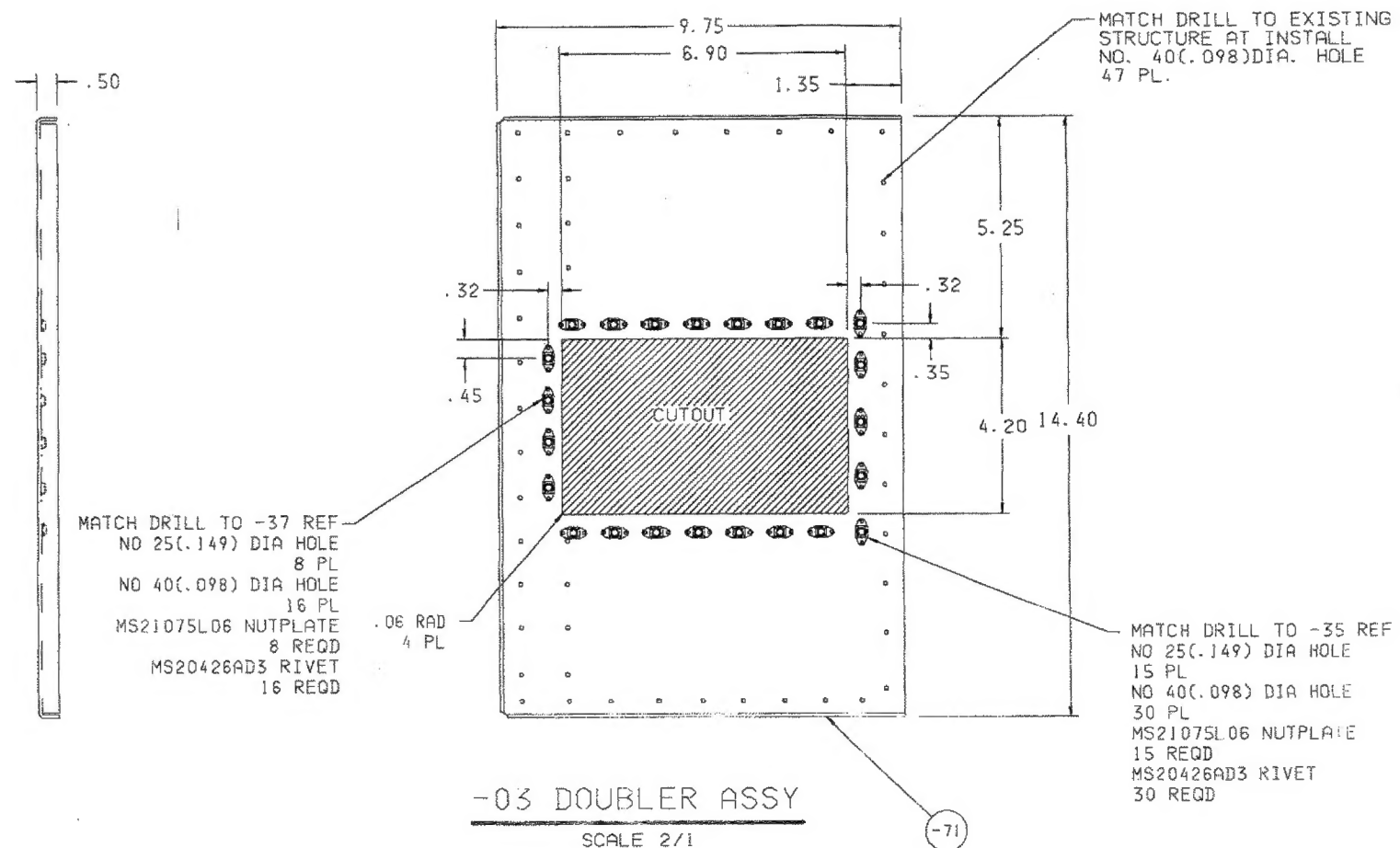
DZUS 4 31/2 T33  
4 REQD

01 DOOR ASSY  
MATL: 2 PLY B1-DIRECTIONAL  
1 PLY TRI-DIRECTIONAL  
1 PLY B1-DIRECTIONAL  
SCALE 1/2

DZUS 4 31/2 T26  
3 REQD

SIZE	CODE	IDENT NO.	REV
D	OSUV8	B64-13022	C
BLEED AIR ECU DETAILS/ASSY			SHEET 3 OF 12

STC SH3443SW



-05 BRKT ASSY  
SCALE 3/8

SIZE	CODE	IDENT NO.	REV
D	OSUV8	B64-13022	B
BLEED AIR ECU DETAILS/ASSY			SHEET 4 OF 12

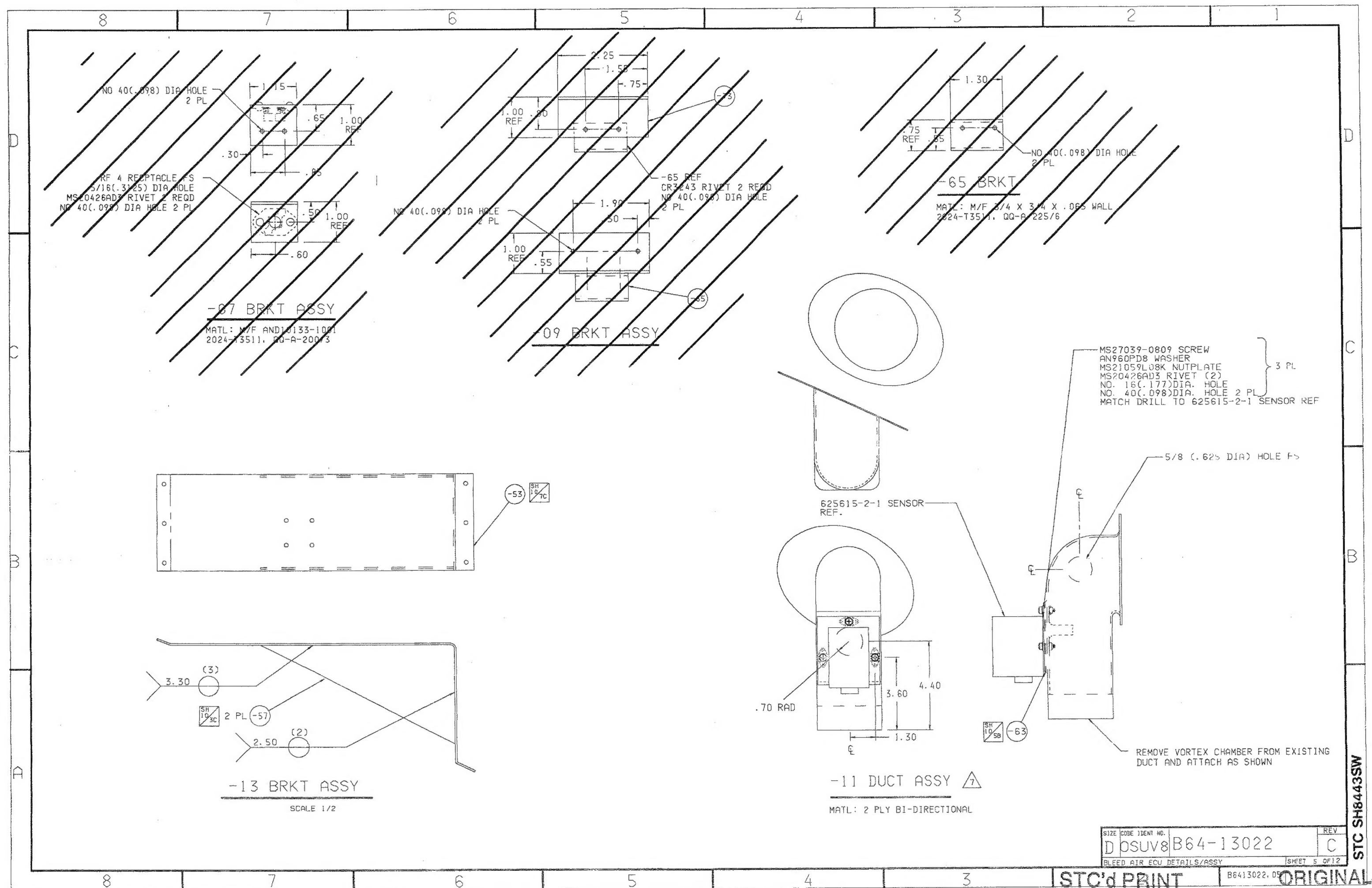
STC'd PRINT

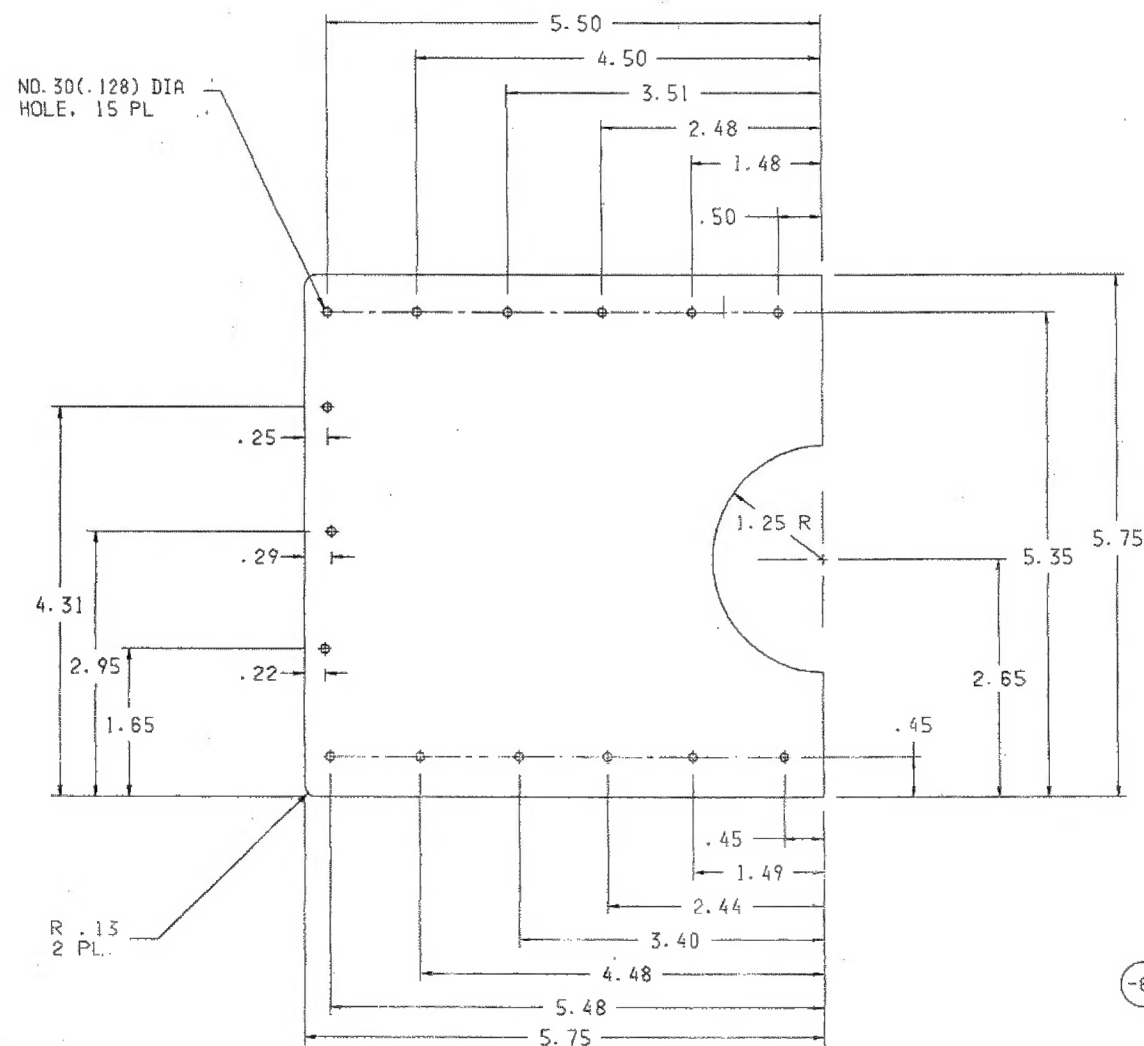
B6413022.04

ORIGINAL

STC SH8443SW

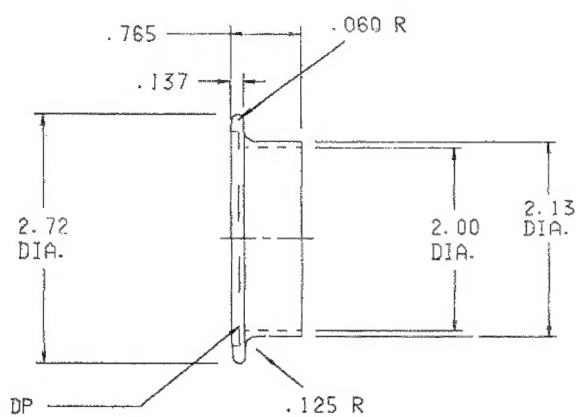






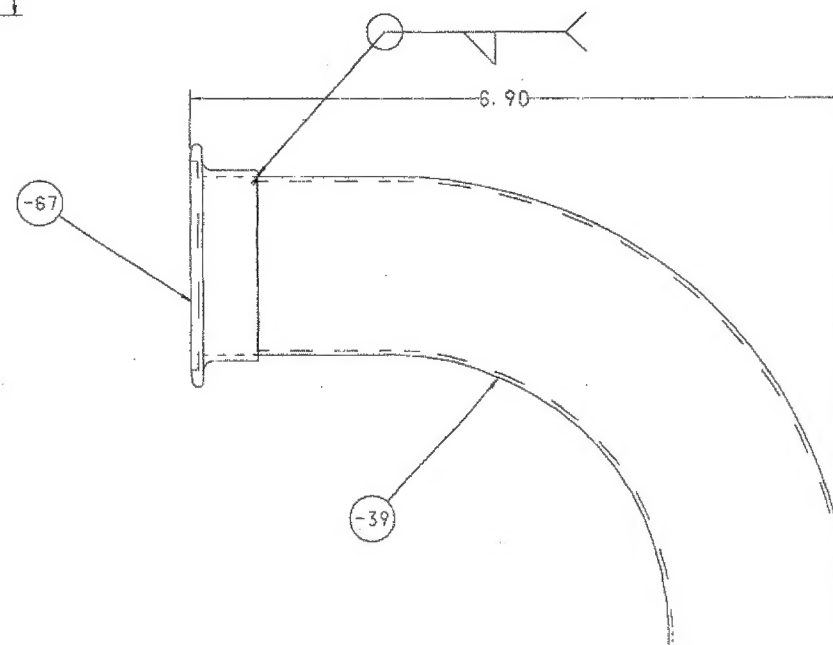
### -35 DOUBLER

MAT'L: .080 THK, 6061-T6, QQ-A-250/11

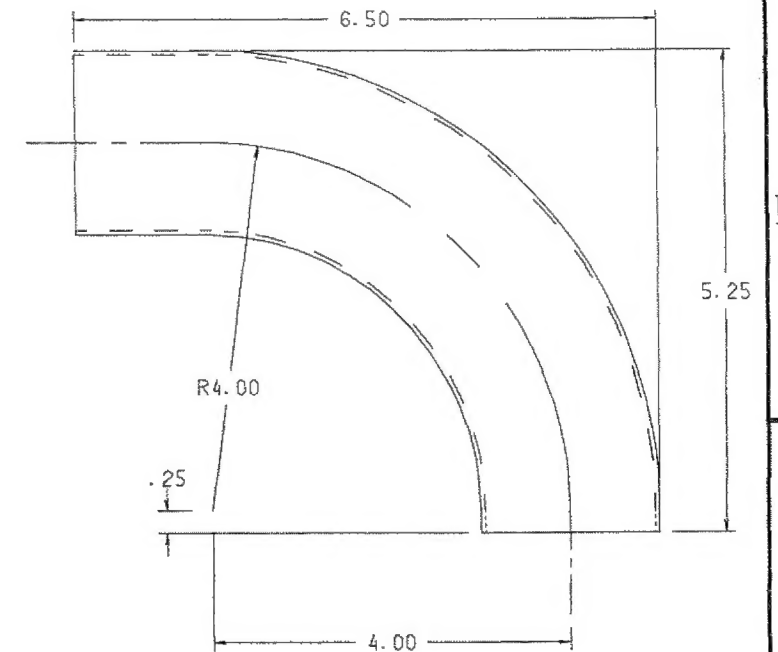


### -67 FLANGE

MAT'L: 2.75 OD X .375 WALL  
6061-T6511, QQ-A-200/8F

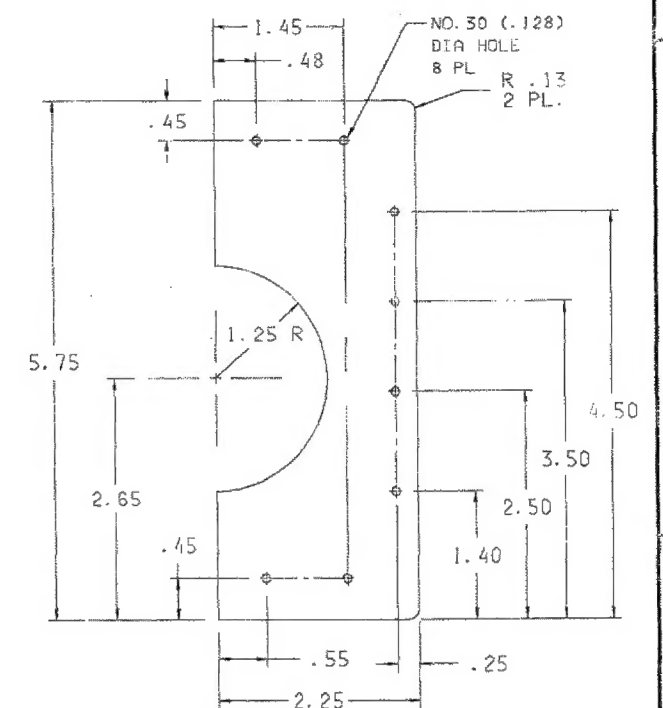


### -15 FLANGE ASSY



### -39 TUBE

MAT'L: 2.0 OD. X .049 WALL, 6061-T6, WW-T-700/6



### -37 DOUBLER

MAT'L: .080 THK, 6061-T6, QQ-A-250/11

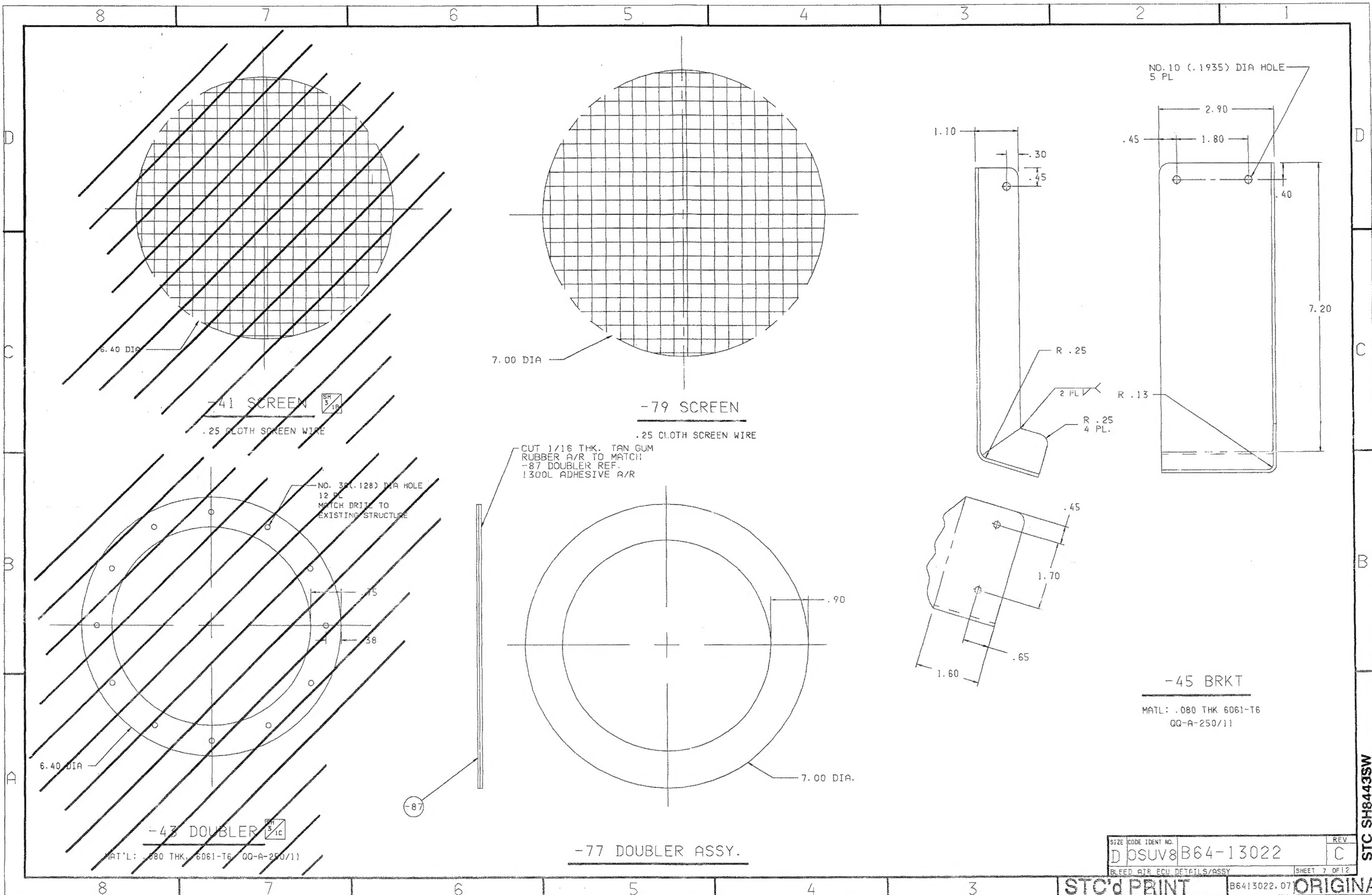
SIZE	CODE	IDENT NO.	REV
D	OSUV8	B64-13022	C
BLEED AIR ECU DETAILS/ASSY			SHEET 6 OF 12

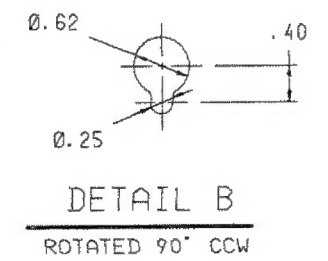
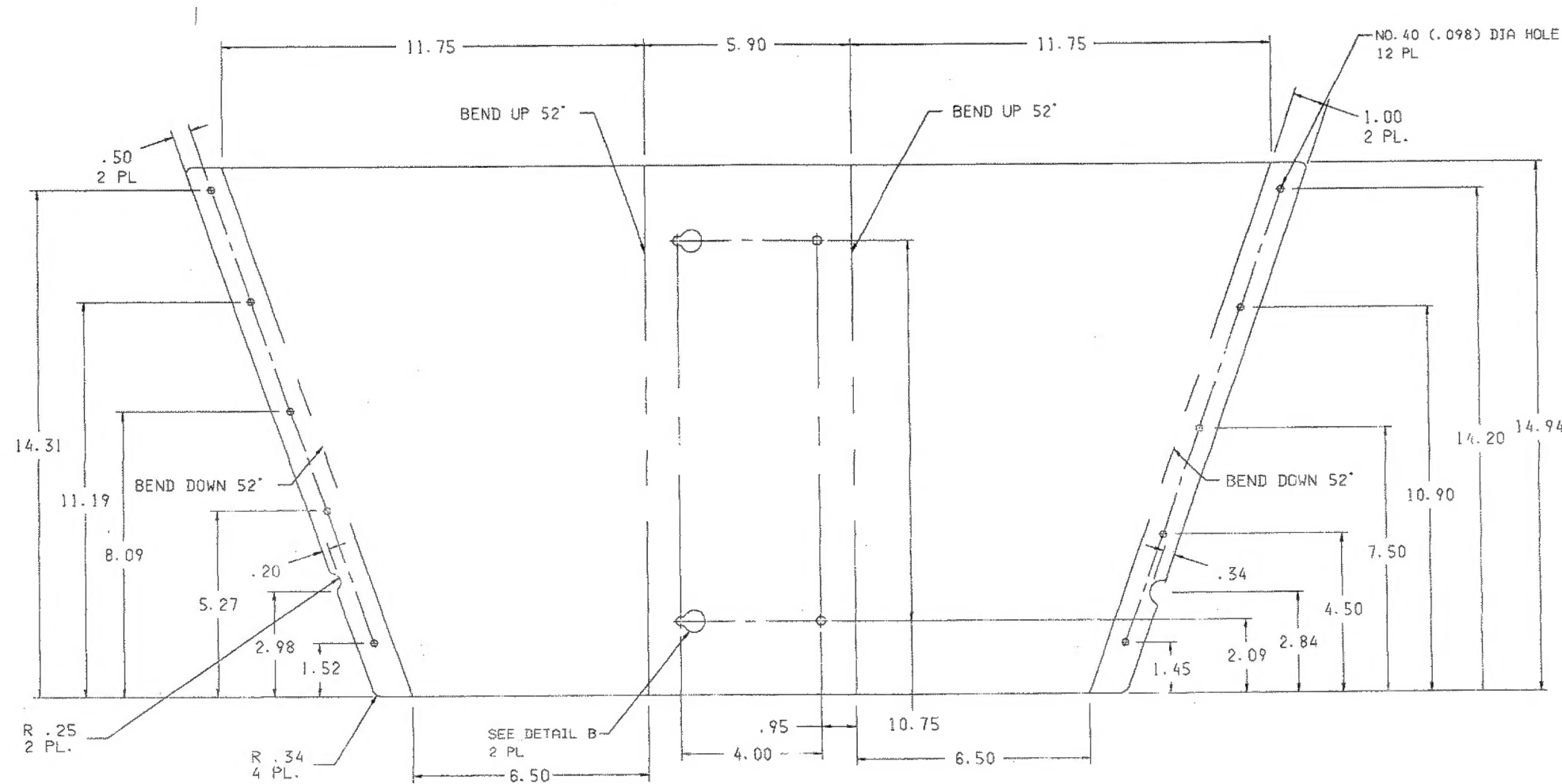
STC'd PRINT

B6413022.06

ORIGINAL

STC SH8443SW





-47 BRKT



MAT'L: .080 THK. 6061-T6, 00-A-250/11  
SCALE 1/2  
MIN. BEND RADIUS .34 TYP.

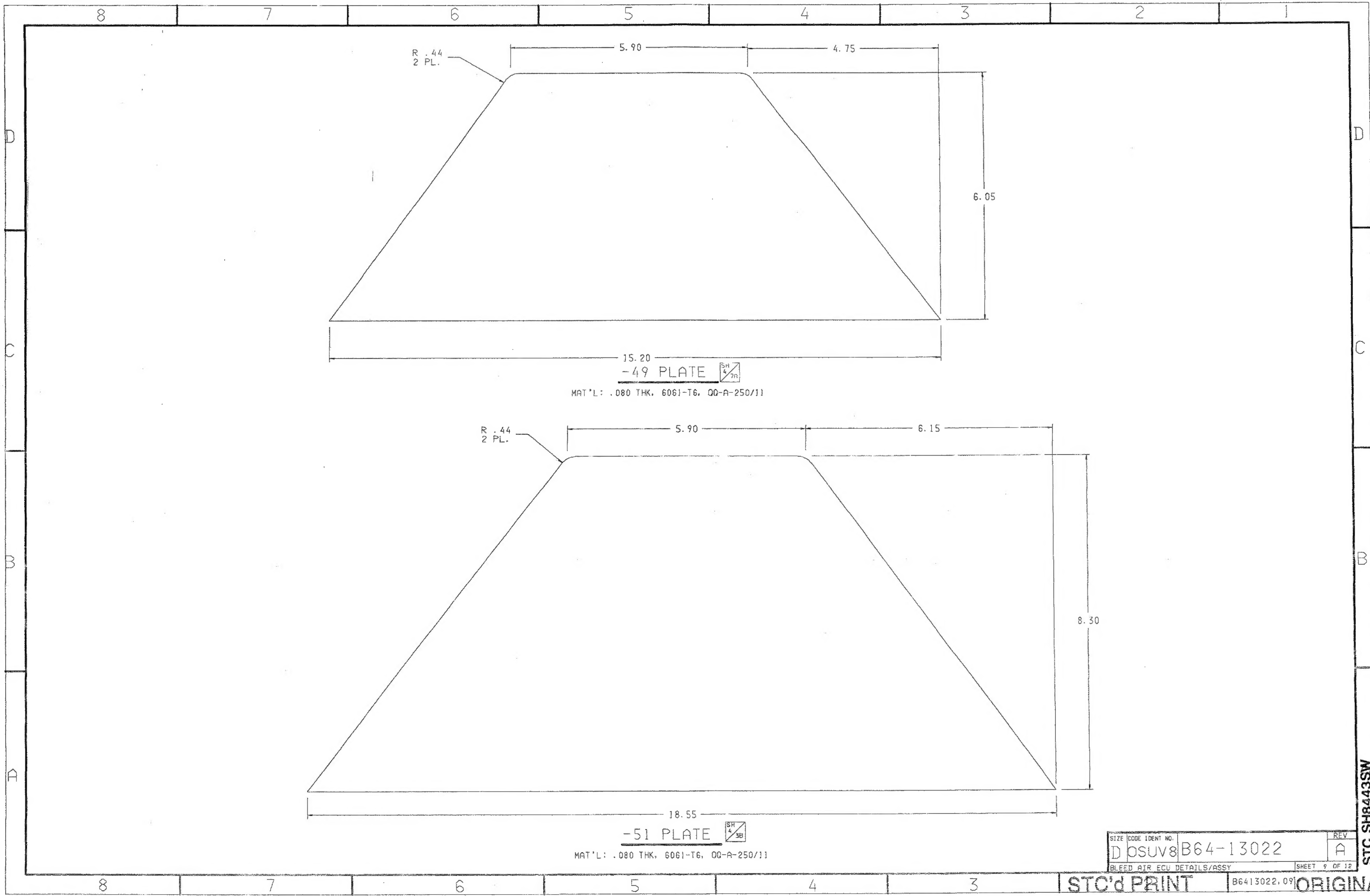
SIZE	CODE	IDENT NO.	REV
D	OSUV8	B64-13022	B
BLEED AIR ECU DETAILS/ASSY			SHEET 6 OF 12

STC'd PRINT

B6413022.08 ORIGINAL

STC SH8443SW





R .44  
2 PL.

5.90

4.75

6.05

15.20

-49 PLATE



MAT'L: .080 THK, 6061-T6, QQ-A-250/11

R .44  
2 PL.

5.90

6.15

8.30

18.55

-51 PLATE



MAT'L: .080 THK, 6061-T6, QQ-A-250/11

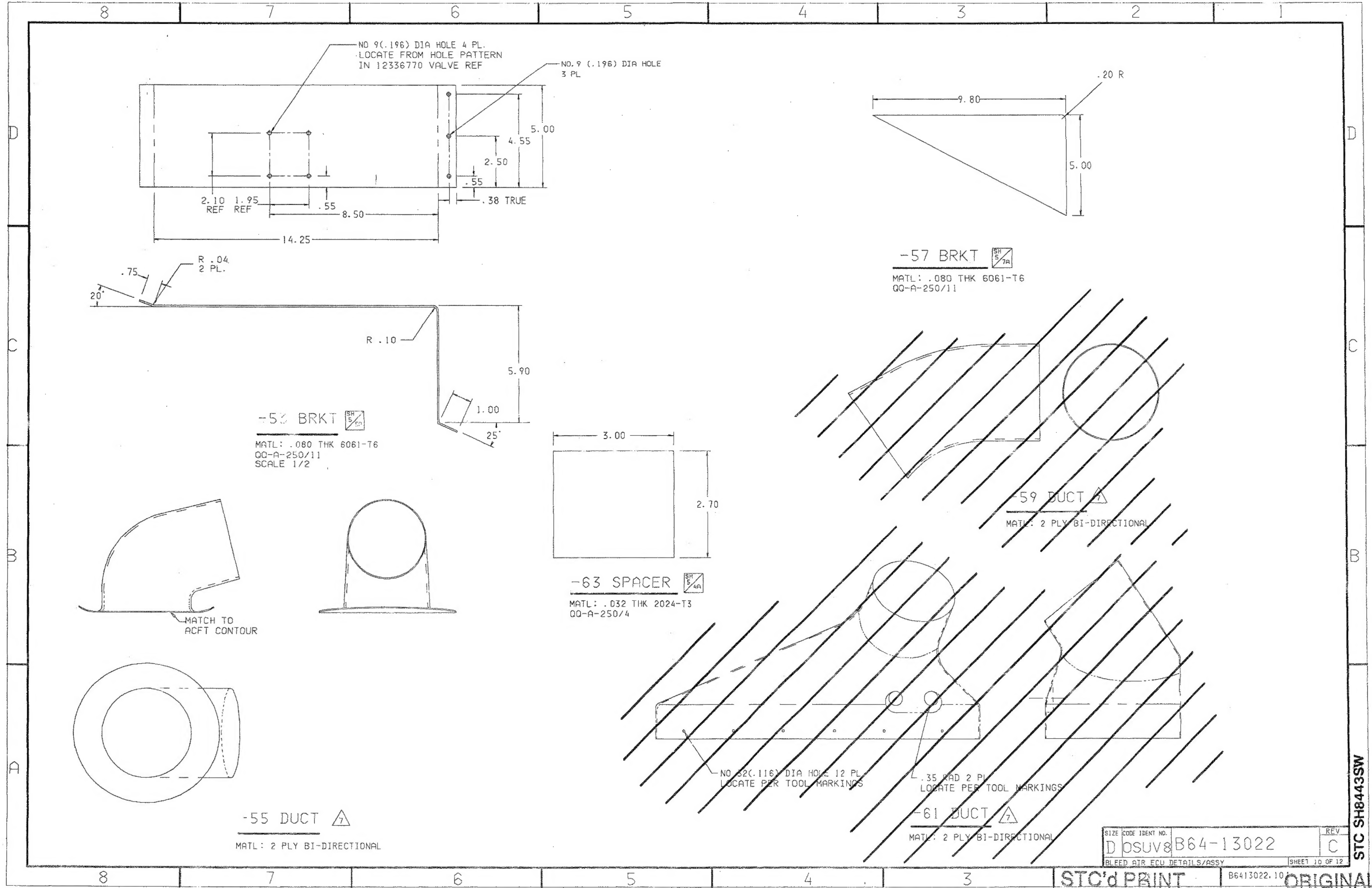
SIZE	CODE	IDENT NO.	REV
D	OSUV8	B64-13022	A
BLEED AIR ECU DETAILS/ASSY			SHEET 9 OF 12

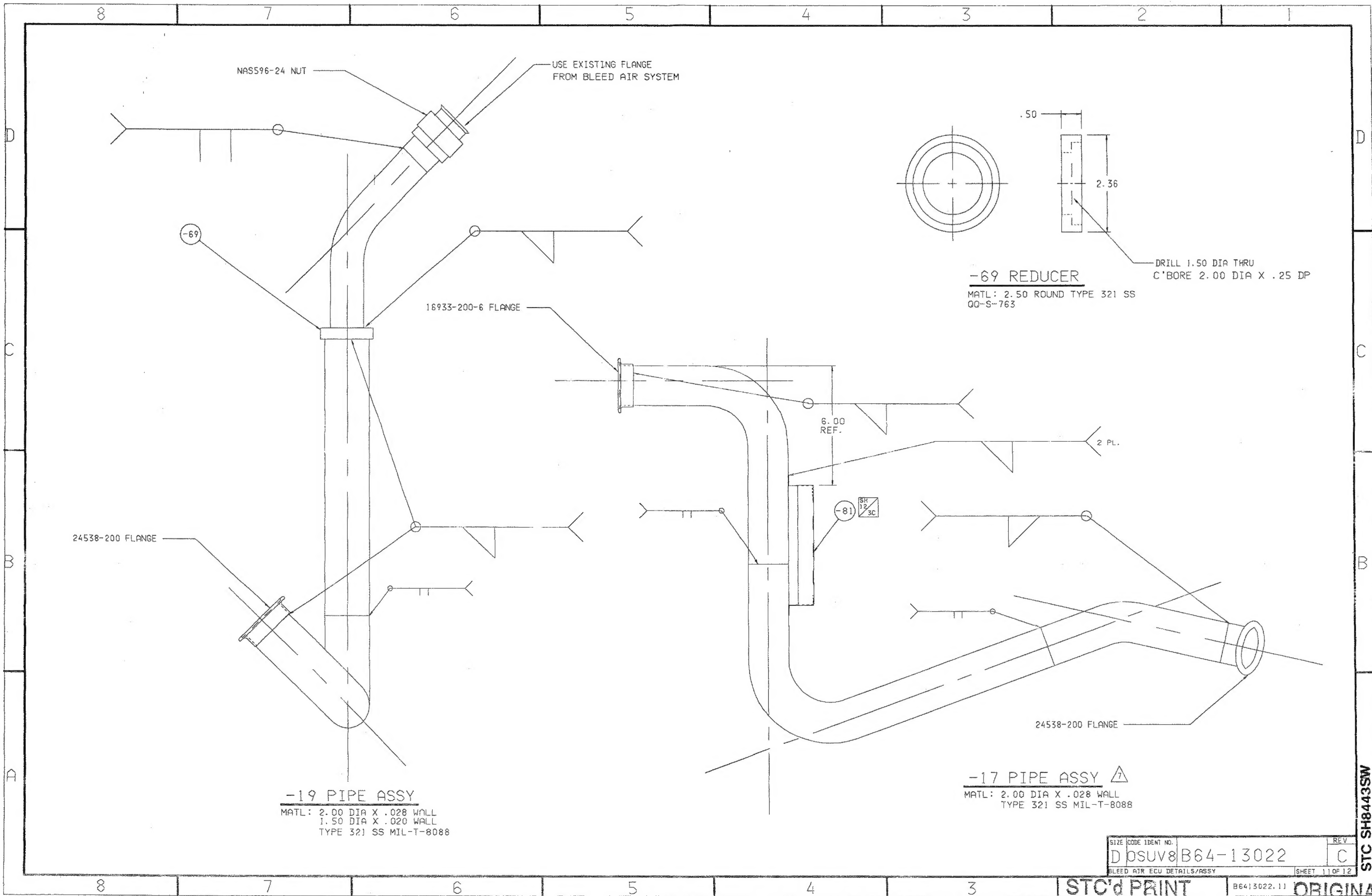
STC'd PRINT

B6413022, 09

ORIGINAL

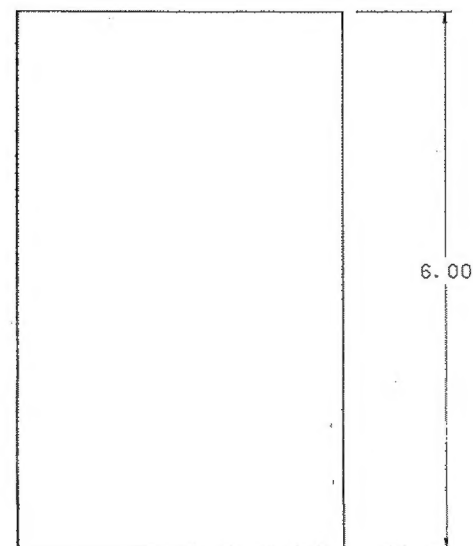
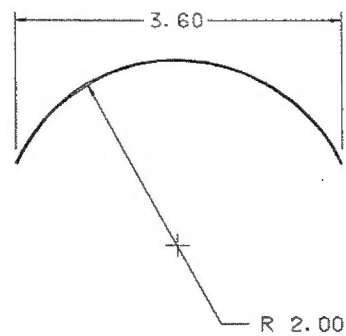
STC SH8443SW



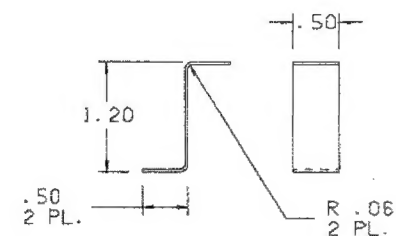


SIZE	CODE	IDENT NO.	REV
D	DSUV8	B64-13022	C
BLEED AIR ECU DETAILS/ASSY			SHEET 11 OF 12

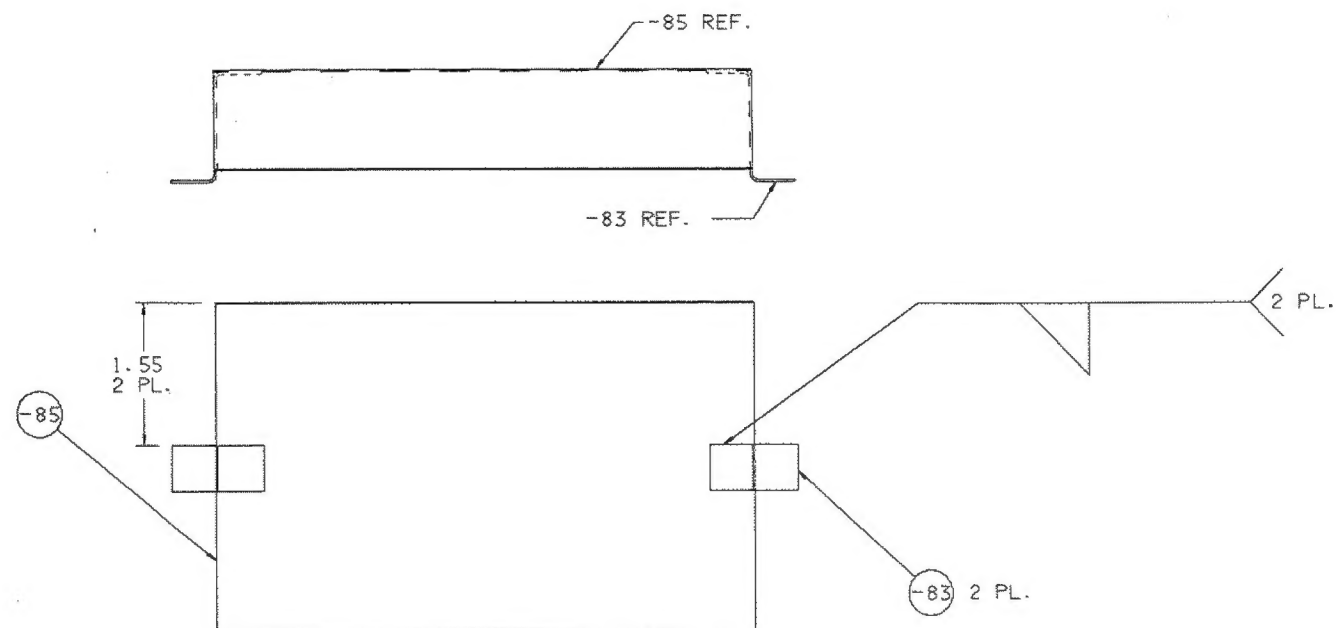
STC SH8443SW



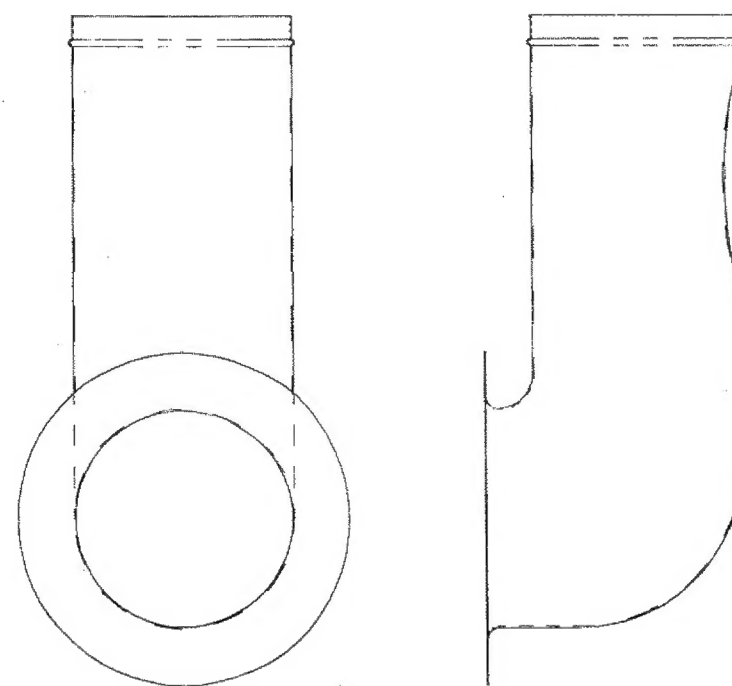
**-85 SHIELD**  
 MATL: .020 THK.  
 TYPE 301, MIL-S-5059



**-83 BRACKET**  
 MATL: .020 THK. SS  
 TYPE 301, MIL-S-5059



**-81 SHIELD ASSY.** SH 4B



**-75 DUCT** 7  
 MATL: 2 PLY BI-DIRECTIONAL

SIZE	CODE IDENT NO.	REV
D	OSUV8 B64-13022	C
BLEED AIR ECU DETAILS/ASSY		SHEET 12 OF 12

STC'd PRINT

B6413022, 12 ORIGINAL

STC SH8443SW

<input checked="" type="checkbox"/> ECO <input type="checkbox"/> ECR	NO. <b>4425</b>	EFF DATE OF CHG <b>19 JAN. 95</b>	REQUESTED BY <b>Q.C.</b>	PAGE OF <b>1</b>
REASON FOR CHANGE <b>ACFT UPDATE</b>		DOCUMENTS AFFECTED <b>SEE BELOW</b>	SYSTEM	MATL DISPOSITION
MARKED PRINTS ATTACHED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		SERIAL NO EFF	REWORK	STORE IN MFG.
			SCRAP	
			USE AS IS	

DISPOSITION / COMMENTS

SEE BELOW

THIS ECO TO BE INCORPORATED AT A LATER DATE

## DESCRIPTION

"Dwg. No"	"REV. IS"	"STC No."
B30.23000	D	SH8625SW
000.13000	E	SH8477SW
000.13001	E	SH8478SW
000.13002	E	SH8479SW
B64.13020	C	SH8443SW
B64.13021	C	"
B64.13022	C	"
B74.22008	B	"
B19.13000	H	SH8202SW
B19.13003	B	"
B20.13101	G	SH8127SW
B19.13001	G	SH7748SW
B20.13006	C	"
B74.24017	H	"

This portion incorp/ECO 4533

ADD TO "USED ON" BLOCK "412EP"

This portion Incorp per ECO 4991

IMPACT		YES		NO		PROCUREMENT ACTION		PRIORITY		CHANGE CLASSIFICATION	
INTERCHANGEABILITY		<input checked="" type="checkbox"/>		<input type="checkbox"/>		YES		1 <input type="checkbox"/>		<input checked="" type="checkbox"/> RECORD	
DRAWING CHANGE		<input checked="" type="checkbox"/>		<input type="checkbox"/>		NO		2 <input type="checkbox"/>		<input type="checkbox"/> PMA MAJOR <input type="checkbox"/> TSO MAJOR	
SPECIFICATION		<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		3 <input checked="" type="checkbox"/>		<input type="checkbox"/> PMA MINOR <input type="checkbox"/> TSO MINOR	
SPARES		<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
PREPARED BY	DATE	PROJECT ENG	DATE	QA	DATE	FAA SUBMITTAL					
<b>L. Celestino</b>	<b>1/19/95</b>				<b>1/19/95</b>	<b>YES</b>					
CHECKED BY	DATE	MFG	DATE	PROD SPRT	DATE	ENGRG APPR	DATE				
<b>W. Hamaker</b>	<b>1/19/95</b>					<b>W. Hamaker</b>	<b>1/19/95</b>				



<input checked="" type="checkbox"/> ECO <input type="checkbox"/> ECR	NO. 4656	EFF DATE OF CHG 30 Nov. 95	REQUESTED BY N. BIVENS	PREMIER	PAGE 1 OF 1
REASON FOR CHANGE CERTIFICATION		DOCUMENTS AFFECTED B64-13020 B64-13021 B64-13022 B74-22008	SYSTEM	MATL DISPOSITION	
MARKED PRINTS ATTACHED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		SERIAL NO EFF	REWORK	STORE	IN MFG.
			SCRAP		
			USE AS IS		

## DISPOSITION / COMMENTS

B64-13020 REV. 15 "C"  
B64-13021 REV. 15 "C"  
B64-13022 REV. 15 "C"  
B74-22008 REV. 15 "B"

THIS ECO TO BE  
INCORPORATED AT  
A LATER DATE. (STC 5H8443SW)

## DESCRIPTION

• ADD "ZIZ" TO USED ON BLOCK TO  
DRAWINGS LISTED ABOVE.

B74-22008 Incorp per ECO 4991

IMPACT		PROCUREMENT ACTION		PRIORITY		CHANGE CLASSIFICATION	
YES	NO	YES	NO	1	2	3	RECORD
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
INTERCHANGEABILITY	<input type="checkbox"/>						<input type="checkbox"/>
DRAWING CHANGE	<input type="checkbox"/>						<input type="checkbox"/>
SPECIFICATION	<input type="checkbox"/>						<input type="checkbox"/>
SPARES	<input type="checkbox"/>						<input type="checkbox"/>
PREPARED BY L. CELESTINO	DATE 11/30/95	PROJECT ENG	DATE	QA	DATE 11/30/95	FAA SUBMITTAL	YES
CHECKED BY W. Hamaker	DATE 11/30/95	MFG	DATE	PROD SPRT	DATE	ENGRG APPR	DATE 11/30/95